

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEMICONDUCTOR OPTICAL AMPLIFIER USING LASER CAVITY ENERGY
TO AMPLIFY SIGNAL AND METHOD OF FABRICATION THEREOF**

(Title of Invention)

the specification of which:

(check one)

 X *is attached hereto.*

 was filed on _____

Application Serial No. _____

and was amended by _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<i>Prior Foreign Application(s)</i>			<i>Priority Claimed</i>	
<u><i>Number</i></u>	<u><i>Country</i></u>	<u><i>Filing Date</i></u>	<u><i>Yes</i></u>	<u><i>No</i></u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
<u>09/972,146</u>	<u>October 4, 2001</u>	<u>Pending</u>
<u> </u>	<u> </u>	<u> </u>

And I hereby appoint Ivan S. Kavrukov (Reg. No. 25161), Christopher C. Dunham (Reg. No. 22031); Norman H. Zivin (Reg. No. 25385), John P. White (Reg. No. 28678); Robert D. Katz (Reg. No. 30141), Peter J. Phillips (Reg. No. 29691); Richard S. Milner (Reg. No. 33970); Richard F. Jaworski (Reg. No. 33515); and Paul Teng (Reg. No. 40837) and each of them, all c/o Cooper & Dunham LLP of 1185 Avenue of the Americas, New York, New York 10036 (Tel. 212-278-0400), my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected herewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Please address all communications, and direct all telephone calls, regarding this application to:

Ivan S. Kavrukoy Reg. No. 25,161
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
Tel. (212) 278-0400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor Shih-Yuan Wang

*Inventor's signature*_____

Citizenship USA Date of signature _____

Residence 766 Encina Grande, Palo Alto, California 94306

Post Office Address Same as Residence

Full name of joint
inventor (if any) Miao Zhu

Inventor's signature _____

Citizenship USA Date of signature _____

Residence 5155 Forest View Drive, San Jose, California 95129

Post Office Address Same as Residence

Full name of joint
inventor (if any) Zuhua Zhu

Inventor's signature _____

Citizenship People's Republic of China Date of signature _____

Residence 1750 Stokes Street #110, San Jose, California 95126

Post Office Address Same as Residence

Full name of joint
inventor (if any) Haiqing Wei

Inventor's signature _____

Citizenship Canada Date of signature _____

Residence 250 W. El Camino Real, Sunnyvale, California 94087

Post Office Address Same as Residence

Full name of joint
inventor (if any) Saif M. Islam

Inventor's signature _____

Citizenship Bangladesh Date of signature _____

Residence 1720 Halford Avenue, Apt. 131, Santa Clara, California 95051

Post Office Address Same as Residence